

NERETINA, N.A.

Arcing back in mercury discharges. Zhur. tekhn. fiz. 31 no.9:1138-1145 S '61.
(MIRA 14:8)

1. Vsesoyuznyy ordena Lenina elektrotekhnicheskiy institut
imeni V.I. Lenina, Moskva.
(Electric discharges)

ACC NR: AP7004641

(N)

SOURCE CODE: UR/0288/66/000/003/0106/0107

AUTHOR: Neretina, N. A.; Timofeyeva, G. G.

ORG: All-Union Electrotechnical Institute im. Lenin, Moscow (Vsesoyuznyy elektrotekhnicheskiy institut)

TITLE: Obtaining electron flux from an arc discharge plasma in the metal vapors

SOURCE: AN SSSR. Sibirskoye otdeleniye. Izvestiya. Seriya tekhnicheskikh nauk, no. 3, 1966, 106-107

TOPIC TAGS: electron radiation, electron flux, arc discharge, arc property, *PLASMA DISCHARGE*

ABSTRACT: An experimental investigation was made of the use of plasma arc discharges in metal vapors as electron power sources. The electron flux was created by a low-voltage arc which was excited between a cylindrical stainless steel anode on a cathode made of copper or tin. The gap between the anode and cathode was 3-5 mm. A system of accelerating electrodes consisting of four cylinders and an electron collector was positioned behind the anode in a connecting pipe whose axis was perpendicular to the anode. The pressure in the tube before the firing was 7×10^{-6} mm Hg and after several seconds of the burning of the arc the pressure increased up to 2×10^{-4} mm Hg. The arc was supplied from a rectifier with an operating voltage of 150 v. The currents of stable burning with the copper and tin cathode were 50 a and 30 a, respectively. The voltage drop across the arc was not higher than 20 v. An electron current of 20 ma was received on the collector with

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UDC: 539.124.527.525.5

ACC NR: AP7004641.

the copper cathode at a discharge current of 50 a and an accelerating voltage of 0.9 kv; with the tin cathode the electron current was 6.5 ma at a discharge current of 30a and an accelerating voltage of 0.45 kv. An experimental setup operating with mercury vapor and cooled by liquid nitrogen provides an electron current of 1.5 a with an accelerating voltage of 5 kv and a discharge current of 25 a. Orig. art. has: 1 figure. [GS]

SUB CODE: 09/ SUBM DATE: none/

USSR/Human and Animal Physiology - (Normal and Pathological).
Physiology of Age Groups.

T

Abs Jour : Ref Zhur Biol., No 4, 1959, 17049

Author : Nerevyatkina-Vodop-yanova, M.A.

Inst : Rostov Medical Institute

Title : Conditioned Motor Reflexes of Various Significance in
Old Dogs after Removal of Motor Zones of the Cortex
(Diss.).

Orig Pub : Sb. tr. Rostovsk. med. in-ta, 1957, kn.1, 93-106

Abstract : In comparison with two young dogs, after removal of motor
regions of the cerebral cortex in three old ones there
were observed more expressed functional disturbances and
clearer changes of general behaviour (running to the feeder)
and defensive (transformed from local into general
behaviour) reactions. In all animals, the conditioned-

Card 1/2

USSR/Human and Animal Physiology - (Normal and Pathological)
Physiology of Age Groups.

T

Abs Jour : Ref Zhur Biol., No 4, 1959, 17049

reflex mouth movements increased somewhat and conditioned reactions with kinesthetic reinforcement were irrevocably disturbed. The reaction of returning to the mat after feeding was partially restored in young dogs. As a result of the removal of motor regions of the cortex, the cortical arch of conditioned reactions was disturbed with preservation of the connections of the type-cortex-subcortex. The weakening of subcortical regions, age-group disturbances of cortical-subcortical connections, condition the dependence of the changes of higher nervous activity on age. -- K.S. Ratner

Card 2/2

- 3 -

Country : USSR
 Category : Human and Animal Physiology.
 Abs. Jour. : The Physiology of Age. T
 Net Zhur-Biol., No 23, 1957, 106096
 Author : Meravzikhina, L. A.
 Institut. : Rostov-on-the-Don Medical Institute.
 Title : Unconditioned and Conditioned Salivary Reflexes
 in Old Dogs.
 Orig Pub. : Tr. Otkhet. nauchn. konferevtov (Rostovsk.-
 a/D Med. in-t) za 1956 g. Rostov-na-Donu, 1957,
 95-99
 Abstract : In old dogs, powdered biscuits caused saliva-
 tion (S) of the parotid gland (PG) and of the
 submaxillary gland (SG) in the same proportion
 as in young dogs. In response to milk, S of PG
 was considerably lower. In response to rejected
 substances (0.1 and 0.3 percent solution of
 HCl), SG secretion was lower. In young dogs,
 aftereffects of various stimulants were either
 absent or lasted not longer than 1-2 minutes;
 the amounts of saliva in both glands were the

Card: 1/3

Country : USSR
 Category= : Human and Animal Physiology.
 The Physiology of Age.
 Abs. Jour. : Ref Zhur-Biol., No 23, 1958, 106096
 Author :
 Institut. :
 Title :
 Orig. Pub. :
 Abstract :
 (cont) same as at the time of direct stimulation. In old dogs, if the gland was involved whose secretion increased under the influence of the stimulant, these aftereffects were considerably lower or were absent. The other gland secreted a large amount of saliva as an aftereffect. As conditioned salivary reflexes developed and were reinforced by milk, the conditioned S of PG was absent. When reinforced by acid, secretion of

Card: 2/3

NEREVYATKINA, M.A.

Nature of different types of conditioned motor reflexes in old dogs [with summary in English]. Fiziol.shur. 45 no.1:56-64
Ja '59. (MIRA 12:2)

1. From the department of physiology, Medical Institute, Rostov-on-the Don.

(REFLEX, CONDITIONED,
motor conditioned reflexes in old dogs (Rus))
(AGING,
same))

GANELINA, Ye.Sh.; NEREVYATKINA, N.I.

Telluric-tungstic heteropoly acids in hydrochloric and sulfuric
acid media. Zhur.neorg.khim. 10 no.4:894-899 Ap '65.

(MIRA 18:6)

NEREZOV, Timofey Alekseyevich [Nerizov, T.O.]; KONSEVICH, A.I. [Konsievych, A.I., kand.ekonom.nauk, otv.red.]; GURENKO, V.A. [Hurenko, V.A.], red.

[Militant program for developing agriculture] Bolova programma rozvytku sil's'koho hospodarstva. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrain's'koi RSR. Ser.6. no.10).

(Agriculture)

(MIRA 13:9)

NEREZOV, V.M.

Increasing the productivity of the soda leaching of molybdenum cinder.
TSvet. met. 36 no.11:60-62 N '63. (MIRA 17:1)

JANKAU, Oskar; NERGA, Zbigniew

Complete esophageal occlusion with a foreign body. Wiad.
lek. 18 no. 23:1809-1810 1 D ' 65.

1. Z Oddziału Chirurgicznego Ogólnej Szpitala Miejskiego
w Słupsku (Ordynator: dr. S. Sojka).

NERIMA, A.

Yugoslavia (430)

Science - Serials

Nylon. p. 16. PROTEUS. (Prirodoslovno
drustvo) Ljubjana. (Ten no. a year,
illustrated popularized science magazine,
issued by the Slovenian Society of Natural
Sciences) Vol 13, No 1, Sept 15, 1950.

East European Accessions List. Library of
Congress, Vol 1, No 13, November 1952.

UNCLASSIFIED

ACC NR: AT6026768

SOURCE CODE: UR/2754/66/000/005/0062/0070

AUTHOR: Nerimovskiy, B. V.

ORG: none

TITLE: Reflection of electromagnetic waves from an isotropic, heterogeneous absorbing medium

SOURCE: Leningrad. Universitet. Problemy difraktsii i rasprostraneniya voln, no. 5, 1966. Rasprostraneniye radiovoln (Radio wave propagation), no. 4, 62-70

TOPIC TAGS: electromagnetic wave reflection, electron collision, dielectric permeability, electron density

ABSTRACT: The paper presents an analysis of the reflection of electromagnetic waves from an isotropic absorbing medium consisting of a number of flat thin layers, each of which absorbs and reflects independently. This medium is considered to be heterogeneous in the vertical direction. Its total dielectric permeability is calculated on the premise that the electron concentration and the number of electron collisions are functions of the vertical distance. Calculations deal with the localization of the points of reflection. Diagrams are given for the graphical determination of both the electron concentration and the number of electron collisions. Orig. art. has: 6 figures, 33 formulas.

SUB CODE: 20/

SUBM DATE: none/

ORIG REF: 002/

OTH REF: 002

Card 1/1

NERKARARYAN, M. I., (Veterinary Surgeon, Town of Stepanevan Armenian SSR)

The use of bicillin in hemosepticemia of swine.

Veterinariya vol. 38, no. 10, October 1961, pp. 81-89.

HERLO, H.

Detection and elimination of pyrogens from solutions. Acta
Poloniae pharm. 12 no.4:205-211 1955.

1. Z Zakladu Farmacji Stosowanej A.M. w Lodzi .

(FEVER,

pyrogens, detection & elimination from solutions)

NERLO, HENRYK.

MEDICINE

NERLO, HENRYK. Zagadnienie aseptyki w pracy aptecznej. Warszawa, Pnastwowy Zaklad Wydawn. Lekarskich, 1957. 41 p. (Biblioteczka farmaceuty, nr. 17)

DNLM Not in DLC

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, no. 1, Jan. 59.

NERLO, Henryk; KOZIEJOWSKA, Krystyna; TUREK, Antonina

Study on eutectic mixtures in pharmacy. Ann. univ. Lublin sec. D
15:455-463 '60

1. Z Katedry i Zakladu Farmacji Stosowanej Wydzialu Farmaceutycznego
Akademii Medycznej w Lublinie Kierownik: doc. dr farm. Henryk Nerlo.
(DRUG COMPOUNDING)

NERLO, Henryk; ANDRZEJEWSKI, Jerzy; TOMASZEK, Barbara

Contamination of eye drops, with special consideration of drops containing antibiotics. Ann. Univ., Lublin sect.D 16:417-421 '61.

1. Z Katedry i Zakładu Farmacji Stosowanej Wydziału Farmaceutycznego Akademii Medycznej w Lublinie Kierownik: doc. dr farm. Henryk Nerlo.
(SOLUTIONS OPHTHALMIC) (ANTIBIOTICS)

NERLO, Henryk; WIELUNSKA, Zofia; SIEKIERKO, Krystyna

Studies on the stability of vitamin C solutions in ampoules.
Ann. Univ., Lublin sect.D 16:423-432 '61.

1. Z Katedry i Zakladu Farmacji Stosowanej Wydzialu Farmaceutycznego
Akademii Medycznej w Lublinie Kierownik: doc. dr farm. Henryk Nerlo.
(ASCORBIC ACID)

NERLO, Henryk; ANDRZEJEWSKI, Jerzy

Effect of ultraviolet rays on the stability of penicillin and streptomycin. Acta pol. pharm. 18 no.6:526-527 '61.

1. Z Zakładu Farmacji Stosowanej Akademii Medycznej w Lublinie
Kierownik: doc. dr farm. H. Nerlo.
(PENICILLIN chem) (STREPTOMYCIN chem)
(ULTRAVIOLET RAYS)

NERLO, Henryk, prof. dr farm.

The revised curriculum in the Departments of Pharmacy of the
Schools of Medicine in Poland. *Farmacja Pol* 18 no.21:519-522
10 N '62.

1. Dziekan Wydziału Farmaceutycznego, Akademia Medyczna, Lublin.

*

NERLO, Henryk; CIOLEK, Barbara; OGOREK, Halina; WAWRZYNIAK, Edward

Physico-chemical prescription discrepancies of some sulfonamides.
Pol. tyg. lek. 19 no.28:1085-1088 13 - 20 J1'64

1. Z Katedry i Zakladu Farmacji Stosowanej Akademii Medycznej
w Lublinie; kierownik: prof. dr. farm. Henryk Nerlo.

NERMUT, M.

Electron microscopy of bacterial membrane. Lek. listy
5 no.20:589-593 15 Oct. 1950. (CML 20:1)

1. Of the Biological Institute of the Medical Faculty, Masaryk
University in Brno (Head--Prof. Ferd. Hercik, M. D.).

NEHMUT, M.: NECAS, O.

L-forms of bacteria. I. Changes in forms of Proteus vulgaris developed by penicillin.
p. 349

CESKOSLOVENSKA BIOLOGIE, Vol. 3, No. 6, Nov. 1954

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

NERMUT, M.; NMCAS, O.

L-form bacteria. I. Modification of the form of *Proteus vulgaris* produced by penicillin. Chekh. biol. 3 no.6:370-376 Dec 54.

1. Garnisonnyy gospi'tal', Brno i Biologicheskii institut meditsinskogo fakul'teta universiteta v Brno.

(PENICILLIN, effects,

on *Proteus vulgaris* form)

(*PROTEUS VULGARIS*, effect of drugs on,
penicillin)

NERMUT, M.; NECHAS, O.

I-form of bacteria. II. Effect of anaerobic conditions on *Proteus vulgaris* from changes induced by penicillin. *Fol.biol., Praha* 1 no.5:257-260 Oct 55.

1. Garnisonnaya bol'nitsa, Brno i Institut obshchey biologii meditsinskogo fakul'teta universiteta v Brno

(*PROTEUS VULGARIS*, effect of drugs on,

penicillin, eff. on form, reactivity in anaerobic cond.)

(*PENICILLIN*, effects,

on *Proteus vulgaris* form, eff. of anaerobic cond.)

NERMUT, Milan; NECAS, Oldrich

L-form bacteria. II. Effect of anaerobic conditions on changes of form in *Proteus vulgaris* produced with penicillin. Cesk. bioh. 4 no.7:390-392 JI '55.

1. Posadkova nemocnice a Biologicky ustav lekarске fakulty university v Brne.

(PENICILLIN, effects,

on *Proteus vulgaris*, eff. of anaerobic cond. on induced changes of form)

(PROTEUS VULGARIS, effect of drugs on,

penicillin, eff. of anaerobic cond. on induced changes of form)

NERMUT, M.

L-forms of bacteria. III. Effect of concentration of penicillin
in a medium on development of L-bodies in Proteus vulgaris. p. 203

Vol. 5, No. 1, Jan. 1956
CESKOSLOVENSKA BIOLOGIE
Czechoslovakia

SOURCE: EASTEUROPEAN ASSESSIONS LIST Vol. 5, No. 7, Jyly 1956

CZECHOSLOVAKIA/Microbiology - General Microbiology -

F-1

Abc Jour : Ref Zhur - Biol., No 10, 1958, 43149

Author : Nernst, M.

Inst :

Title : Bacterial L-Forms, IV. Effect of Temperature on Development of Thick Round Bodies of *Proteus Vulgaris* Produced by the Effect of Penicillin.

Orig Pub : Ceskosl. biol., 1956, 5, No 3, 147-152.

Abstract : An investigation was conducted of the sequence in the development of thick bodies (spheres) produced through the effect of different penicillin concentrations at 37°, 22° (room temperature) and 40°. 25% of horse serum was introduced into the medium. A chart of development of secondary bacilli-like forms from the spheres is furnished, from which it can be seen that the bacilli fragmentation occurs on elongated protuberances. No intracellular generation of bacilli-like forms was observed.

Card 1/2

NERMUT, Milan, MUDr.; UHER, Jan, MUDr.

Incidence of primary human L organism in female genitalia.
Cesk. gyn. 21 no.5:382-385 Nov 56.

1. Biolog. ustav l. f. v Brne, prednosta prof. Dr. Ferd. Hrcik
a por. gyn. odd. MUMZ v Brne, prednosta prim. MUDr. J. Synek.
(GENITALIA, FEMALE, microbiol.
primary L organism, incidence (Cs))

CZECHOSLOVAKIA / Microbiology. General Microbiology. F
 L-Forms of Microorganisms and Microorganisms
 of the Pleuropneumonia Type

Abs Jour : Ref. Zhur - Biol., No 21, 1958, No 94934

Author : Nermut, Milan

Inst :

Title : L-Forms of Bacteria. V. Their Value for the
 Appearance of Resistance to Penicillin.

Orig Pub : Ceskosl. biol., 1957, 6, No. 1, 43-49

Abstract : A culture of Proteus vulgaris was injected into
 dense and liquid nutrient mediums with penicillin.
 Secondary cultures of bacilli were obtained from
 the large, round spores formed in this manner.
 Regeneration of the bacterial forms began in 12
 hours after the decrease of the penicillin con-
 tent in the medium to a level which approached
 zero. The derived secondary cultures of bacilli-

Card 1/2

NERMUT, Milan.

L-forms of bacteria and their clinical importance. Cas. lek. cesk.
96 no.19:573-578 10 May '57.

1. Ustav pro obecnou biologii lekarske fakulty MU v Brne, prednosta
prof. Dr. Ferdinand Hercik.

(BACTERIA

L-forms, clin. importance (Gz))

NERMUT, M.; DRASIL, V

"Mechanism of the development of large round bodies in Proteus vulgaris under the influence of penicillin."

CESKOSLOVENSKA MIKROBIOLOGIE, Praha, Czechoslovakia, Vol. 3, no. 6, 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclass

EXCERPTA MEDICA Sec 4 Vol 12/8 Med. Micro. Aug 59

2392. THE SO-CALLED L-ORGANISMS (PPLO) IN FEMALE GENITAL ORGANS -
Über das Vorkommen und die Bedeutung der sog. L-Organismen (PPLO) in
weiblichen Geschlechtsorganen - Nermut M. V. and Uher J. Inst. für
Allg. Biol. der Med. Fak., Brno - ZBL. GYNÄK. 1958, 80/17 (669-679)
Tables 3 illus. 3

In 705 women aged 17 to 68 years a higher frequency of PPLO was found in inflam-
mations of the urogenital tract, in comparison with gynaecologically normal women.
Out of 200 children aged 1 to 16 yr., PPLO were found in only 10. A difference in
PPLO findings between adult women and girls suggests a relationship with hormon-
al activity. The significance of sexual intercourse for the spread of PPLO is dis-
cussed.

(X, 4)

EXCERPTA MEDICA Sec 4 Vol 12/5 Med. Micro. May 59

1282. CHANGES IN THE DRY WEIGHT AND THE DEOXYRIBONUCLEIC ACID
CONTENT OF PROTEUS VULGARIS CAUSED BY PENICILLIN -
Nermut M. V. and Dražić V. Dept. of Biol., Med. Fac. Masaryk
Univ., Brno. - NATURE (London) 1958, 181/4625 (1741-1742) Graphs 1
Tables 1

Penicillin is shown to interfere primarily with the biosynthesis of the cell wall,
and to influence the synthesis of protein and nucleic acid in a minor degree. The
formation of large bodies is not osmotic, but an active growth process.

Henriksen - Oslo

NERMUT, M.; ZAVODOVA-SUCHANOVA, M.; RADA, B.

Symposium on the L phase of bacteria (Jena, September 24-26, 1959).
Folia microbiol 5 no.2:139-141 Mr '60. (EEAI 9:7)

(BACTERIA)

NERMET, Milan

On the mechanism of action of penicillin. Cas.lak.cesk. 99 no.1:
17-23 3 Ja '60.

1. Ustav pro obecnu biologii lekarske fakulty v Brne, prednosta
prof.dr. Ferdinand Hercik.
(PENICILLIN pharmacol.)

NERMUT, M.V.; HERCIK, F.

Effect of ionizing radiation on large bodies of *Proteus vulgaris*.
Folia microbiol 6 no.5:306-310 '61.

1. Department of Biology, Medical Faculty, Purkyne University, Brno
Brno and Institute of Biophysics, Czechoslovak Academy of Sciences,
Brno.

(BACTERIA) (IONIZATION)

NERMUT, M.V.; UHER, J.

The presence of pleuropneumonia organisms in pregnant women. Cesk. epidem. mikrob. imm. 10 no.5:353-355 8 '61.

1. Ustav pro obecnu biologii lek. fak. university J.E.P. v Brne.
(PLEUROPNEUMONIA-LIKE ORGANISMS)
(CERVIX UTERI microbiol.) (UROGENITAL SYSTEM infect.)

NERMUT, M.V.

Cytological observations on large bodies and protoplasts of bacteria.
II. Nuclear equivalents and their fusion. Folia microbiol. 7 no.1:
47-54 '62.

1. Department of General Biology, Medical Faculty, Purkyne University,
Brno.

(BACTERIA)

HALASA, M.; BYSTRICKY, V.; LADZIANSKA, K.; KRCMERY, V.; NERMUT, M.

Electron microscope determination of the effect of polymyxin on
Leptospira in vitro. Cesk. epidem. 11 no.5:305-307 S '62.

1. Statny veterinarny ustav, pobočka v Bratislave. — Laboratorium
elektronovej mikroskopie Katedry techn. mikrobiologie a biochemie SVST
v Bratislave. — Katedra obecnej biologie Lekarskej fakulty Univerzity
J.Ev. Purkyne v Brne.

(LEPTOSPIRA)

(POLYMYXIN)

NERMUT, Milan, V.; WEINLICH, Richard

A simple apparatus for microcinematography. Scr. med. fac. med.
Brunen. 35 no.1/2:51-57 '62.

1. Ustav pro obecnou biologii lekarske fakulty university J.E.Purkyne
v Brne Vedouci doc. dr. O. Necas.
(BIOLOGY equip & supplies) (PHOTOMICROGRAPHY equip & supplies)

CZECHOSLOVANIA

NERMUT, M. V.; Institute of General Biology at the Faculty of Medicine of the University of J. Ev. Purkyně /Ústav pro Obecnou Biologii Lékařské Fakulty University J. Ev. Purkyně/, Brno, Head /Prednosta/ Assistant Professor Doctor O. NEČAS.

"Some New Methods for Studying Bacterial Cells and the Results Obtained."

Prague, Casopis Lékařů Českyh, Vol 102, No 43, 1963, pp 1169-1177

Abstract [Author's English Summary]: The functional cytology of bacterial cells is acquiring increased importance for general and applied microbiology. The method of ultra-thin sections and the method of synchronization of cell division are a great contribution to the research of bacterial cells. The principle of both methods and some results obtained by their application are described.

7 Figures, 1 Table, 101 Western, 6 Czech, 4 Russian references.

NERMUT, M.V.; RYC, M.

Electron microscopy of the localization of formic dehydrogenase in regenerating forms of *Proteus vulgaris*. *Folia microbiol.* 9 no.1:16-20 J '64.

1. Institute of Microbiology, Czechoslovak Academy of Sciences, Prague 6 - Dejvice and Department of General Biology, Faculty of Medicine, Purkyne University, Brno.

NERMUT, M.

Some comments on the spelling of foreign (borrowed) words. Cas.
lek. cesk. 103 no. 24: 664-666 12 Ja'64

1. Katedra biologie UJEP [University J.E. Purkyne], Brno.

NERMUT, M.V.

Amino acids as substrate for the reduction of tellurite by
cells of *Proteus vulgaris*. Folia microbiol. (Praha) 10 no.2:
104-114, Mar'65

1. Department of General Microbiology, Institute of Microbiology,
Czechoslovak Academy of Sciences, Prague 4.

NERMUT, Milan V.

Bacterial cytochemistry. Review of methods and results.
Biologia (Bratisl.) 20 no.10:788-797 '65.

1. Oddeleni obecne mikrobiologie, Mikrobiologicky ustav
Ceskoslovenske akademie ved v Praze.

~~EAST GERMANY~~/CZECHOSLOVAKIA

NERMUT, M. V., and GUMPERT, J., of the Institute for Microbiology at the Czechoslovak Academy of Sciences [original-language version not given] in Prague, Czechoslovakia, and Institute for Microbiology and Experimental Therapy at the German Academy of Sciences (Institut für Mikrobiologie und Experimentelle Therapie der Deutschen Akademie der Wissenschaften) in Jena, German Democratic Republic.

"Electron-Microscopic Investigations on the Effects of Surface-Active Substances on Bacterium Cell Sheaths. Part 1: Experiments with the Cell Walls of *Proteus Vulgaris* and *Proteus Mirabilis*"

"Berlin, Zeitschrift für Allgemeine Mikrobiologie, Vol 6, No 5, 1966, pp 367-378.

Abstract: The effects of sodium lauryl sulfate, sodium desoxycholate, Septonex (α -carbethoxypentadecyltrimethylammonium bromide), and various proteolytic enzymes (trypsin, pepsin, lipase, and pancreatin) on the cell walls of *Proteus vulgaris* and *Proteus mirabilis* were investigated electron-microscopically. Twelve photomicrographs were presented and discussed. A model for the characterization of the submicroscopic structure of the cell walls of gram-negative bacteria was developed. 29 references, including 8 German, 2 Czechoslovak, and 19 Western. (Manuscript received 15 Feb 1966).

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EAST GERMANY/CZECHOSLOVAKIA

GUMPERT, J., and ~~HERMUT, M.V.~~, Institute for Microbiology and Experimental Therapy (Institut fuer Mikrobiologie und Experimentelle Therapie) of the German Academy of Sciences in Berlin (Deutsche Akademie der Wissenschaften zu Berlin), Jena, and Institute for Microbiology of the Czechoslovak Academy of Sciences [original-language version not stated], Prague.

"Electron-Microscopic Studies on the Effect of Surface-Active Substances on Bacterial-Cell Membranes. 2. Experiments with Spheroplasts and the Stable L-Form of Proteus Mirabilis and P. Vulgaris"

East Berlin, Zeitschrift fuer Allgemeine Mikrobiologie, Vol 7, No 1, 1967; pp 7-17.

Abstract: Isolated cell membranes of spheroplasts and L-form cells of Proteus mirabilis were treated with sodium lauryl sulfate, sodium desoxycholate, Septonex and lipase, and investigated by electron microscopy. The spheroplast membranes decomposed into round regions 500-1000 Angstroms in diameter, while the L-form membranes were dissolved by the detergents faster and more completely, and after treatment with Na desoxycholate yielded granules 150-250 and 450-550 Å in diameter. The cell membrane of the L-form seems to be more stable and resistant compared with normal cells. 26 References, predominantly Western. Manuscript received 15 May 66 .
1/1

SHNYUKOV, Ye.F. [Shniukov, Ye.F.]; NEROBA, A.Ya.; KARPENKO, A.O.

Pyrite and barite from carbonate ores of the Mariyevka Pit of the
40th Anniversary of the October Revolution Mine (Nikopol' deposit).
Mat.z min.Ukr. no.2:92-98 '61. (MIRA 15:8)
(Nikopol' region--Pyrites) (Nikopol' region--Barite)

NEROBYEV, A.M.

Learning to use P-76-5 spinning machines. Tekst. prom. 18 no.6:52-54
Je '58. (MIRA 11:7)

1. Nachal'nik pryadil'nogo tsekha Krasnovolzhskogo kombinata.
(Spinning machinery)

NEROBEYEV, A.M., inzh.

Improving the waste removing unit developed by the Ivanovo Scientific
Research Institute of the Textile Industry. Tekst.prom. 21 no.5:51
My '61. (MIRA 15:1)

(Textile machinery)

NEROBEYEV, A.M., inzh.

Shortcomings in the design and manufacture of the P-76-5M
spinning machines. Tekst.prom. 21 no.7:21-22 JI '61.

(MIRA 14:8)

(Spinning machinery)

NEROBYEV, A.M., inzh.

Setting of the rollers of spinning machine drafters. Tekst.prom.
22 no.3:55-56 Mr '62. (MIRA 15:3)

1. Byuro tekhnicheskoy informatsii Krasnovolzhskogo kombinata.
(Spinning machinery)

SIZYKH, N.Ye., dotsent; NEROBEYEV, V.D. (Odessa)

Compound treatment of thyrotoxicosis. Probl.endok.i gorm. no.1:
94-100 '62. (MIRA 15:8)

1. Iz gosspital'noy khirurgicheskoy kliniki (zav. - prof. P.A. Nalivkin) pediatricheskogo i sanitarno-gigiyenicheskogo fakul'tetov Odesskogo meditsinskogo instituta imeni N.I. Pirogova (dir. - zasluzhennyy deyatel' nauki prof. I.Ya. Deyneka).
(GOITER) (NOVOCAINE)

NEROBEYEV, V. D.

Use of cervical vagosympathetic block combined with vitamin B₁ and microdoses of iodine in treating thyrotoxicosis with diffuse goiter. Vrach. delo no.6:77-81 Ja '62. (MIRA 15:7)

1. Gospi'tal'naya khirurgicheskaya klinika (zav. - prof. P. A. Nalivkin) pediatricheskogo i sanitarno-gigiyenicheskogo fakul'tetov Odesskogo meditsinskogo instituta.

(THIAMINE) (THYROID GLAND--DISEASES)
(NOVOCAINE)

MEMORANDUM, V.D.

Severe allergic reaction following a single introduction of streptomycin. Antistressin 9 no. 6:704-705 Ag '64. (KIRA 18:3)

L. Kominternovskaya tsentral'naya rayonnaya bol'nitsa (glavnyy vrach V.M. Grubnik) (Gomel'skaya oblast').

NEROBEYEV, V.D.

Diagnostic significance of the methylene blue test in amyloidosis.
Lab. delo. no.1:35-36 '65. (MIRA 18:1)

1. Kominterovskaya tsentral'naya rayonnaya bol'nitsa (glavnyy
vrach V.M. Grubnik) Odesskoy oblasti.

NEROBEYEV, V.D. (Odessa)

Reviews. Probl. endok. i gorm. 11 no.2:125-126 Mr-Apr '65.
(MIRA 18:7)

LEONOV, M.P.; NEROBEYEVA, T.D.

Intensification of precipitation over an experimental meteorological
site in the winter of 1963-64. Trudy UkrNIGMI no.47:88-99 '65.
(MIRA 18:7)

NEROBINA, N. (Nal'chik); CHUCHULIN, P. (Nal'chik)

Organizing extracurricular work on local geography by means of
radio. Geog. v shkole 25 no.4:55-58 JI-Ag '62. (MIRA 15:8)
(Kabardino-Balkar A.S.S.R.—Geography—Study and teaching)
(Radio in education)

L 3549-66 FSS-2/EWT(1)/EWA(d)/T/EED(b)-3/EWA(c) LJP(c)

ACCESSION NR: AP5024434

UR/0286/65/000/015/0146/0146

AUTHORS: Nerobkov, Y. P.; Belevich, G. M.; Shapkin, G. A.; Yefimenko, I. I.;
Ulitskiy, A. R.

TITLE: Photocopying equipment for contact printing of copies. Class 57, No. 173607

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 146

TOPIC TAGS: photographic equipment, photographic printer

ABSTRACT: This Author Certificate presents photocopying equipment for contact printing of copies from various negatives onto one common backing for bulk preparation of superimposed negatives or printed circuits. To increase the productivity and to improve the production quality, a negative mounting unit, a manipulator,

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ACCESSION NR: AP5024434

backing mounting and is provided with a coordinate-rotary table movable in any direction. This table is connected by a ball support to a magnetic table intended for fastening an auxiliary table-satellite. All of the units of the photoequipment are connected to one common control unit. To increase the accuracy of superimposing negative and backing contour by two points removed from each other with a minimum expenditure of time, the precise superposition unit is provided with a two channel optical system. Two different portions of the superimposed surface are visible in the field of view of the ocular. Orig. art. has: 1 diagram.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i organizatsii proizvodstva (Central Scientific Research Institute of Technology and Production Organization)

SUBMITTED: 01Apr64

ENCL: 01

SUB CODE: ES

NO REF SOV: 000

OTHER: 000

L 3549-66

ACCESSION NR: AP5024434

ENCLOSURE: 01

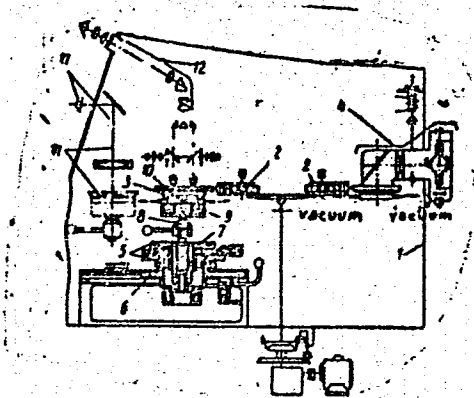


Fig. 1.

1- photoequipment case; 2- rotary coordinate tables of negative mounting unit; 3- superposition unit; 4- exposure unit; 5- manipulator; 6- horizontal plate with prismatic guides; 7- manipulator coordinate-rotary table; 8- ball support; 9- magnetic table;

10- table-satellite; 11- preliminary backing unit; 12- precise
superposition unit

Card 3/3 *mlh*

NEROD, V.

Tamed sounds. Nauka i zhyttia 12 no.10:53-54 0 '62. (MIRA 16:1)

(Soundproofing) (Sound—Transmission) (Ultrasonics)

NERODA, A.P., inzh.

Automatic self-disengaging semiclutch for dynamic rotor balancing.
Elek. sta. 35 no. 4878-79 Ap '64. (MIRA 17:7)

NERODA, I. P.

~~NERODA, I. P.~~

Calibration of electroacoustic transducers operating under
increased pressure of the surrounding medium. Elektrosviaz'
11 no.10:57-61 0 '57. (MIRA 10:10)
(Telephone)

NERODA, L.; GOLOD, A.

Consolidation of enterprises into firms contributes to the improvement of operations. Mias.ind. SSSR 33 [i.e.34] no.2:51 '63.
(MIRA 16:4)

1. L'vovskaya myasnaya firma "Priikarpai'ye".
(Lvov—Meat industry)

~~NERODA, Vsevolod Andreyevich; FAYERSHTEYN, B.A., redaktor; KONTSEVAYA, E.M., redaktor; KUGERT, A.P., tekhnicheskii redaktor.~~

[Modern machine-tool attachments] Sovremennye stanochnye prispособleniya. Moskva, Vses. uchebno-pedagog. izd-vo Trudreservizdat, 1956. 111 p. (MIRA 9:6)

(Machine tools)

NERODEA, Tiberiu, Ing.

The 2100 hp. electric-diesel engine. St si Teh Buc 15 no.2:6-8
F '63

1. The "Electroputere" Plant, Craiova.

S/125/62/000/006/002/013
D040/D113

AUTHORS: Movchan, B.A., and Nerodenko, L.M.

TITLE: New data on crystallite boundaries in austenitic welds

PERIODICAL: Avtomaticheskaya svarka, no.6, 1962, 13-16

TEXT: The formation of polygonization boundaries was studied on specimens of welds on X16/20 (Kh16N20) steel during isothermic heating at temperatures between 500 and 700°C. Specimens were taken from butt welds in Kh16N20 steel with 2.5-2.6% Mo, and additionally alloyed with Mo by feeding alloying powder wire into the cold portion of the welding pool; this prevented polygonization and hot cracks. Microsections, prepared after soaking at different temperatures for different times, were studied metallographically. Gradual formation of boundary sections was observed using a heating electron beam in a vacuum, and the boundary pattern was the same as is usually revealed by electrolytic etching after heat treatment. Coordinate networks of fine scratches made on polished microsections and distorted in electron beam annealing showed local microturns and shifts proving that polygonization is connected with the regulation of dislocations. X-ray diffraction confirmed this. The observed regu-
Card 1/3

New data on crystallite boundaries

S/125/62/000/006/002/013
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larities indicated that the time necessary for the start and end of the polygonization process in preliminarily fixed (quenched) alloys is

$$t = t_0 e^{\frac{U}{RT}},$$

where U is the activation energy of polygonization depending on the chemical composition of the metal; t_0 - a value depending on the cooling rate and the relative disorientation of adjacent parts of the metal; T - the temperature of isothermic annealing; R - a constant equal to 2 cal/mol. The activation energy of Kh16N20 steel reached 76,000 cal/mol. Conclusion: In order to reduce the diffusion mobility of atoms of the metal matrix in the high temperature range, so as to inhibit polygonization in single-phase austenitic welds, the welds should be additionally alloyed with elements strengthening the interatomic bond forces and hence increasing the refractoriness of solid solutions with a face-centered lattice. Such elements include chromium, tungsten, molybdenum, and tantalum. There are 4 figures. ✓

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New data on orystralite boundaries

S/125/62/000/006/002/013
D040/D113

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im.
Ye.O.Patona AN USSR (Electric Welding Institute "Order of the
Red Banner of Labor" im. Ye.O.Paton, AS UkrSSR)

SUBMITTED: September 9, 1961

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ACCESSION NR: AT4013928

S/2659/63/010/000/0052/0057

AUTHOR: Movchan, B. A.; Dzy*kovich, I. Ya.; Nerodenko, L. M.

TITLE: A new approach to analysis of the mobility of imperfections in the crystal lattice in alloys

SOURCE: AN SSSR. Institut metallurgii. Issledovaniya po zharoprochny*m splavam, v. 10, 1963, 52-57

TOPIC TAGS: crystal lattice, crystal lattice imperfection, alloy, alloy crystal structure, crystal lattice imperfection mobility

ABSTRACT: High energy nuclear radiation, plastic deformation and rapid cooling of alloys from high temperatures (not exceeding the melting point) often lead to imperfections in the crystal lattice. The most important feature of the proposed approach to the analysis of the mobility of imperfections in solid solutions is the fact that the diffusive motion of the dislocations is considered in continuous connection with the chemical composition and, consequently, with the type of atomic action in the alloys. Data on the mobility of dislocations allow one to judge the relative mechanical properties of alloys at high temperatures without employing complicated and lengthy tests. The described method of estimating the

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ACCESSION NR: AT4013928

diffusive mobility of dislocations on the basis of a wedge-shaped casting is distinguished by simplicity, rapid analysis and clarity and may be used with success for finding heat resistant alloys on the basis of solid solutions, for selecting satisfactory welding alloys, etc. Orig. art. has: 2 figures and 1 table.

ASSOCIATION: Institut Metallurgii AN SSSR (Metallurgical Institute AN SSSR)

SUBMITTED: 00

DATE ACQ: 27Feb64

ENCL: 00

SUB CODE: ML

NO REF SOV: 005

OTHER: 001

Card 2/2

MALEVSKIY, Yuzef Boleslavovich; VASIL'YEV, Valentin Grigor'yevich;
GRABIN, Vladimir Fedorovich; NERODENKO, M.M., inzh.,
otv. red.; POGORETSKAYA, L.N., red.

[Equipment for the dilatometric investigation of transformations in welded joints] Ustanovki dlia dilatometri-
cheskogo issledovaniia prevrashchenii v svarnykh soedi-
nieniakh. Kiev, Naukovadumka, 1964. 35 p.
(MIRA 18:2)

FRUMIN, Isidor Il'ich; LEYNACHUK, Yevgeniy Ivanovich; YUZVENKO, Yuriy Arsen'yevich; NERODENKO, Mikhail Minovich; BOBROVA, T.L., red.; KOZLOVSKAYA, M.D., tekhn. red.; PERSON, M.N., tekhn. red.

[Principles of the technology of mechanized hard facing] Osnovy tekhnologii mekhanizirovannoi naplavki. Moskva, Vses.uchebno-pedagog.izd-vo Proftekhizdat, 1961. 303 p. (MIRA 15:1)
(Hard facing)

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1-2300

S/125/61/000/007/006/013
D040/D112

AUTHORS: Frumin, I.I., Nerodenko, M.M., Finkel'shteyn, M.M., Mal'tsev, N.A.

TITLE: New electrode wire grades for wear-resistant surfacing

PERIODICAL: Avtomaticheskaya svarka, no. 7, 1961, 54-64

TEXT: Surfacing wire grades used presently in mechanical surfacing of machine parts at 40 Soviet metallurgical plants are 30XГСА (30KhGSA) for restoring dimensions, and ПП -3X2B8 (PP-3Kh2V8) powder-metal wire or its equivalent high-alloy 3W701 (EI701) wire for wear-resistant coatings. The 3Kh2V8 metal deposits are difficult to machine and crumble in the rolling mill. rolls before they wear off. This was the reason for joint experiments conducted by the Ordена Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye.O. Patona AN USSR (Electric Welding Institute "Order of the Red Banner of Labor" im. Ye.O. Paton of the AS UkrSSR), Makeyevskiy metallurgicheskiy zavod im. S.M. Kirova (Makeyevka Metallurgical Plant im. S.M. Kirov) and "Tsvetmet" Plant in Artemovsk. Three steel grades were selected for the experiments - 4X4B3Ф (4Kh4V3F), 4X2Г2B (4Kh2G2V),

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D040/D112

New electrode wire grades...

and 4X3Г2Ф (4Kh3G2F). The first heat of 4Kh4V3F had a higher carbon content than intended and was re-named - "5Kh4V3F". The chemical composition of the first three is (Table 1):

| (%) | C | Mn | Si | Cr | W | V | Ni | S | P |
|---------|-----------|---------|---------|---------|---------|---------|------|-------|-------|
| 4Kh4V3F | 0.35-0.45 | 0.8-1.2 | 0.7-1.0 | 3.6-4.1 | 2.5-3.0 | 0.2-0.4 | <0.3 | <0.04 | <0.04 |
| 4Kh2G2V | 0.35-0.45 | 2.2-2.7 | 0.4-0.7 | 2.2-2.7 | 0.8-1.7 | - | <0.3 | <0.04 | <0.04 |
| 4Kh3G2F | 0.35-0.45 | 1.3-1.8 | 0.4-0.7 | 3.4-3.6 | - | 0.5-0.8 | <0.3 | <0.04 | <0.04 |

Wire was drawn at the "Tsvetmet" plant in a vertical 20-ton drawing machine with an 800 mm-diameter drum at a drawing speed of 35 m/min. Electric heating current was fed from a TCD-1000 (TSD-1000) welding transformer to the die plate and wire with the use of a roller slip ring. Colloidal graphite was used for lubricant. The distance from the current-feed point to the die and the strength of the current were selected so that the wire was heated to 600°C. One "annealing" pass with this heating was stated to make Card 2/5

New electrode wire grades...

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D040/D112

any intermediate reheats and pickling quite unnecessary. Shop technology for hot drawing was developed at the Khartsyzskiy staleprovolochno-kanatnyy zavod (Khartsyzsk Steel Rope Plant) on the suggestion of Engineer V.A. Ohopinog. In this method an approximately 5m-long section of the wire is electrically heated to 480-500°C in front of the die plate and the current is adjusted in steps for different drawing speeds; a 6.5 mm rod can be reduced in seven passes to 3.5 mm in diameter, the drawing speed increasing from 35 m/min in the first passes to 250 m/min in the last. A new graphite lubricant greatly reduces friction in the die and ensures that the wire runs correctly over the drum. A minimum of graphite is left on the ready wire. Surfacing is produced with the use of standard AH-20 (AN-20) flux. [Abstracter's note: The new graphite lubricant and AN-20 flux are not further specified]. Rolls surfaced by the new wire grades were tested in operation in two continuous billet mills, the "630" and the "450", at the Makeyevka Plant. The rolls were preheated by induction current to 350-400°C for surfacing and then cooled slowly in heat-insulated boxes. Metal deposited with 5Kh4V3F wire had the best wear-resistance. Its composition (determined on two rolls at the Makeyevka Plant) was (Table 6);

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New electrode wire grades...

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| (%) | C | Mn | Si | Cr | W | V | S | P |
|-----|------|------|------|------|------|------|-------|-------|
| | 0.42 | 0.77 | 1.11 | 3.41 | 2.61 | 0.43 | 0.036 | 0.023 |
| | 0.40 | 0.78 | 1.11 | 3.36 | 2.63 | 0.43 | 0.037 | 0.025 |

The wear resistance of 4Kh2G2V coating had insufficient wear resistance, and 4Kh5G2F even lower. Rolls surfaced with 4Kh3G2F wire withstood as long a service time as rolls surfaced with PP-3Kh2V8, but the wear of the former was greater and endurance (t/mm) lower. Thus, the best results were obtained with 5Kh4V3F wire. After the rolls had been surfaced with this wire it was found possible to increase the cutting speed by 20-25% compared with rolls coated with PP-3Kh2V8 powder wire. The new wire-drawing technology is recommended for mass application. The following participated in the development of the new wire and techniques: A.V. Mel'nik and Ye.N. Morozovskaya (Electric Welding Institute im. Paton); Yu.P. Dolgokor, V.N. Pashutin, G.V. Mal'kov, V.A. Polstyanyov, and L.B. Dolmat (Plant im. S.M. Kirov);

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S/125/61/000/007/006/013
D040/D112

New electrode wire grades...

V.A. Sabayev and T.A. Mal'tseva (the "Tsvetmet" Plant). There are 7 figures, 8 tables and 3 Soviet-bloc references.

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye.O. Patona AN USSR (Electric Welding Institute "Order of the Red Banner of Labor" im. Ye.O. Paton AS UkrSSR) (I.I. Frumin and M.M. Nerodenko); Makeyevskiy metallurgicheskiy zavod im. S.M. Kirova (Makeyevka Metallurgical Plant im. S.M. Kirov) (M.M. Finkel'shteyn); Artemovskiy zavod "Tsvetmet" (Artemovsk "Tsvetmet" Plant) (N.A. Mal'tsev)

SUBMITTED: January 20, 1961

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S/125/62/000/008/003/008
D040/D113

AUTHOR: Nerodenko, M.M.

TITLE: Dilatometer for studying austenitic decomposition in a wide range of cooling rates

PERIODICAL: Avtomaticheskaya svarka, no. 8, 1962, 34-37

TEXT: The described new high-speed dilatometer (Fig. 1) developed by the Electric Welding Institute im. Paton is based on the Cottrell and Nelson dilatometer design (M. Cottrell, Assessment of Weldability by Rapid Dilatation Tests, "Journal of the Iron and Steel Institute", v. 173, May, 1953; E.C. Nelson, A High-Speed Dilatometer Designed for Welding Research, "Welding Journal", v. 37, no. 2, 1958), and features relative simplicity and the use of wire strain gages. The pickup consists of two 0.1 mm thick beryllium bronze leaf springs fitted with 4 wire strain gages. The tubular specimen is heated by an 18-mm-wide induction coil with 74 kc current from an adjustable generator permitting the heating rate to be smoothly regulated up

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S/125/62/000/008/003/008
D040/D113

Dilatometer for studying austenitic ...

to 1250°C in 2.5 sec. Two cooling systems permit obtaining a cooling rate of 0.1-15°C/sec, and quick cooling by argon or hydrogen; with argon the rate can be varied from 10 to 80°C/sec, and with hydrogen from 50 to 550°C/sec. The data are oscillographed. The dilatometer was tested by plotting the transformation diagram for "45" steel, and the diagram matched the data of existing dilatometers. There are 4 figures.

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni Institut elektrosvarki im. Ye.O. Patona AN USSR (Electric Welding Institute "Order of the Red Banner of Labor" im. Ye. O. Paton, AS UkrSSR)

SUBMITTED: March 26, 1962

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Dilatometer for studying austenitic ...

S/125/62/000/008/003/008
D040/D113

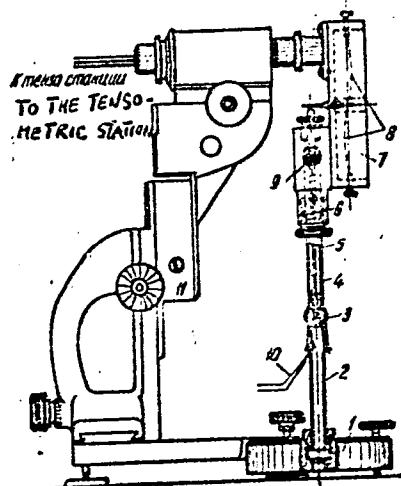


Fig. 1. The dilatometer diagram:

- 1 - base plate; 2 - lower quartz tube for holding specimens; 3 - specimen;
- 4 - quartz rod; 5 - upper quartz tube;
- 6 - rubber washer; 7 - pickup;
- 8 - tensometric pickup springs;
- 9 - gas inlet; 10 thermocouple;
- 11 - microscope arrangement

Card 3/3

MALEVSKIY, Yuzef Boleslavovich; VASIL'YEV, Valentin Grigor'yevich;
GRABIN, Vladimir Fedorovich; NERODENKO, M.M., inzh., red.;
POGORETSKAYA, L.N., red.

[Equipment for the dilatometric study of transformations
in welded joints] Ustanovki dlia dilatometricheskogo issle-
dovaniia prevrashchenii v svarnykh soedineniiakh. Kiev,
Naukova dumka, 1964. 35 p. (MIRA 17:11)

NERODIANKO, M.M.

Structure and properties of precipitation hardening in iron-base alloys. Avtom. svar. 18 no.8:22-25 Ag '65.

(MIRA 18:11)

1. Institut elektrosvarki imeni Patona AN UkrSSR. Submitted January 13, 1965.

NERODENKO, V.M.

RAYDIN, D.P.; NERODENKO, V.M.

Maastrichtian belemnites from the Ukrainian Depression. Dokl. AN SSSR
112 no.1:115-117 Ja '57. (MLRA 10:2)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
Predstavleno akademikom N.S.Shatskim.
(Ukraine--Belemnites)

NERODOVA, O., MUDr.; ZEMANEK, J.; MACHYTEK, M.

Early diagnosis of the most important forms of osteoarticular tuberculosis in children. Cesk.pediat. 11 no.2-3:148-153 Mar 56.-

1. GOTTWALDOVA statni lecebna pro deti na Kosumberku, reditel
MUDr. Stanislava Fohl Oddeleni pro kostni a kloubni tbo I, prim.
Dr. O.Nerodova.

(TUBERCULOSIS, OSTEOARTICULAR, in inf. and child
diag., early)

NERONOV, G.

Communist cooperation of collectives. Sot. trud 8 no.10:21-24 0
'63. (MIRA 16:12)

1. Pervyy sekretar' Rostovskogo promyshlennogo oblastnogo komiteta
Kommunisticheskoy partii Sovetskogo Soyuza.

NERONOV, G.D.

Promote the role of a foreman. Mashinostroitel' no.2:30-31 F '63.
(MIRA 16:3)

1. Sekretar' Rostovskogo-na-Donu promyshlennogo oblastnogo
komiteta Kommunisticheskoy partii Sovetskogo Soyuza.
(Factory management)

NERONOV, I

4665 NERONOV, I. Rol' Sorta V Povyshchenii Vrozhaynosti. Zernovyye
Kul'turn Latv. SSR. Riga, Latgosizdat, 1954. 180 ss Ill. 22 sm 3.000
ekz. 3r 25k.--Na Latyshv. Yaz.--(54-58284) 633.1:631. 52(47.43

SO: Letopis' Zhurnal' nykh Vol 7, 1949

NERONOV, N.A., dots.

Mechanical problems in scutching bast fibers using a unilateral
action. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.1:56-62 '58.
(MIRA 11:5)

1. Kostromskoy tekstil'nyy institut.
(Bast) (Textile machinery)

NERONOV, N.A.

Inertia in the bast fiber scutching process under the effect of
unilateral beating. Izv. vuz. ucheb. zav.; tekhn. tekst., prom.
no.5:42-45 '58. (MIRA 11:12)

1. Kostroma'sky tekstil'nyy institut.
(Bast) (Retting)

NERONOV, N.A.

Scutching of bast fibers with a one-sided action. *Izv.vyz.ucheb.zav.;*
tekhn.tekhn.prom. no.5;44-46 '60. (MIRA 13:11)

1. Kostromskiy tekstil'nyy institut.
(East) (Textile machinery)

NERONOV, N.A.

Concerning N.P. Isakov's article "Theory of thread tension."
Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.3:93-95 '61. (MIRA 14:7)

1. Kostromskoy tekstil'nyy institut.
(Spinning machinery) (Isakov, N.P.)

NERONOV, N.M.; IYERUSALIMSKIY, N.D.

Continuous cultivation of Propionibacterium producing vitamin B₁₂.
Mikrobiologiya 28 no.5:647-654 S-O '59. (MIRA¹² 13:2)

1. Institut mikrobiologii AN SSSR.
(PROPIONIBACTERIUM culture)
(VITAMIN B₁₂ metab.)

[illegible]

NERONOV, N.P. (Leningrad)

Determining maximum tensions in a mine hoisting cable under
regular hoisting conditions. Izv.AN SSSR.Otd.tekh.nauk.Mekh.
i mashinostr. no.3:17-23 My-Je '60. (MIRA 13:6)
(Cables)